

DR N-PSDB; AAV29062.
 XX PT Breast cancer antigen 1 modulator protein - useful for diagnosing
 PT diseases involving unwanted cell growth, e.g. breast cancer, and for
 PT producing therapeutics for treatment of such diseases
 XX PS Example 1; Fig 1; 73pp; English.

CC This polypeptide comprises a 53 kDa BRCA1 modulator protein that
 CC binds to the tumour suppressor gene product BRCA1, and which is
 CC characterised by a zinc finger domain and a leucine zipper motif.
 CC Its amino acid sequence was deduced from the nucleotide sequence
 CC of a cDNA clone (see AAV29062), designated 091-21A31 (ATCC 98141),
 CC isolated from a HeLa cell cDNA library using a yeast two-hybrid
 CC assay. 3 cDNA clones (see also AAV29063-64) coding for BRCA1
 CC modulator proteins (see AAW7881-83) have been characterised. Vectors
 CC and host cells comprising the isolated nucleic acid sequences are
 CC claimed, as well as a process for producing BRCA1 modulator protein
 CC by culturing these host cells. BRCA1 modulator proteins and nucleic
 CC acids can be used to diagnose diseases involving unwanted cell
 CC growth, e.g. breast cancer, and to identify compounds that alter
 CC BRCA1 interaction with BRCA1 modulators for the treatment of such
 CC diseases.

XX Sequence 469 AA:
 SQ

	Query Match	Best Local Similarity	Score	DB	Length
Qy	2 SLC7CSDFFDHSDVAATHCGHTFHLOCLIQWETAPSRTCHQCRIQVG	97.6%	286	19	469;
Db	5 alcticsdfdfhdsrvaaahcgcftfhilqlqwfetapsrtcpqrqvg	98.0%	286	19	51

XX

RESULT 2
 AAY30149 ID AAY30149 standard; Protein: 469 AA.
 XX
 AC AAY30149;
 XX
 DT 27-OCT-1999 (first entry)
 DE Amino acid sequence of a BRCA1 modulator protein.
 KW Modulator protein; BRCA1; tumour suppressor protein; breast cancer;
 KW ovarian cancer; cell growth; cell proliferation.
 XX Homo sapiens.
 XX
 FH Key Location/Qualifiers
 FT Region 3...32
 FT /note= "zinc finger motif"
 FT 230...255
 FT /note= "leucine zipper motif"
 PN US5948643-A.
 XX
 PD 07-SEP-1999.
 XX
 PR 13-AUG-1997; 97US-0968751.
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 PR 13-AUG-1997; 97US-0968751.
 XX
 PA (ONYX-) ONYX PHARM INC.
 XX
 PI Lingenfelter C, Polakis PG, Rubinfeld B, Vuong TT;
 XX
 DR WPI: 1999-517952/43.
 DR N-PSDB; AAX6754.
 XX
 PT Modulator proteins that bind to and modulate the activity of the

XX Query Match

	Query Match	Best Local Similarity	Score	DB	Length
Qy	2 SLC7CSDFFDHSDVAATHCGHTFHLOCLIQWETAPSRTCHQCRIQVG	97.6%	286	20	469;
Db	5 alcticsdfdfhdsrvaaahcgcftfhilqlqwfetapsrtcpqrqvg	98.0%	286	20	51

XX

RESULT 3
 ABB61289 ID ABB61289 standard; Protein: 455 AA.
 XX
 AC ABB61289;
 XX
 DT 26-MAR-2002 (first entry)
 DE Drosophila melanogaster polypeptide SEQ ID NO 10659.
 XX
 KW Drosophila; developmental biology; cell signalling; insecticide;
 KW pharmaceutical.
 OS Drosophila melanogaster.
 XX
 PN WO200171042-A2.
 XX
 PD 27-SEP-2001.
 XX
 PF 23-MAR-2001; 2001WO-US09231.
 XX
 PR 23-MAR-2000; 2000US-191637P.
 PR 11-JUL-2000; 2000US-0614150.
 XX
 PA (PEKE) PE CORP NY.
 XX
 PI Venter JC, Adams M, Li PWD, Myers EW;
 XX
 DR WPI: 2001-656860/75.
 DR N-PSDB; ABL05392.
 XX
 PT New isolated nucleic acid detection reagent for detecting 1000 or more
 PT genes from Drosophila and for elucidating cell signalling and cell-cell
 PT interactions -
 XX
 PS Disclosure; SEQ ID NO 10659; 21pp + Sequence Listing; English.
 XX
 CC The invention relates to an isolated nucleic acid detection reagent
 CC capable of detecting 1000 or more genes from Drosophila. The invention is
 CC useful in developmental biology and in elucidating cell signalling and
 CC cell-cell interactions in higher eukaryotes for the development of

Protein 29 . 359
/label= **Mature_human_secrated_protein**
PT XX
XX DE Drosophila melanogaster polypeptide SEQ ID NO 8469.
PN XX KW Drosophila; developmental biology; cell signalling; insecticide;
XX KW pharmaceutical.
PD XX OS Drosophila melanogaster.
XX OS XX WO200134644-A1.
PR XX PN 12-NOV-1999; 99US-0164834.
PR XX PD 04-AUG-2000; 2000US-0224007.
XX XX PF 17-MAY-2001.
PA XX PT Ruben SM, Komatsu S GA, Olsen HS, Duan RD, Ebner R;
XX PR WPI; 2001-329070/34.
DR XX DR N-PSDB; AAD07659.
XX PT Isolated nucleic acid molecule encoding a human secreted protein is
XX used in preventing, treating or ameliorating a medical condition -
PS XX Claim 11; Page 431-432; 499pp; English.
XX PT AAD07655-AAD07695 represent cDNAs corresponding to 15 human secreted
CC protein genes, and AAE03202-AAE03242 represent the proteins they encode.
CC AAB0243-AAE0280 represent human secreted protein fragments or variants.
CC The secreted proteins and their genes are useful for preventing, treating
CC or ameliorating medical conditions, e.g., by protein or gene therapy.
CC Pathological conditions can be diagnosed by determining the amount of the
CC new protein in a sample or by determining the presence of mutations in the
CC the new genes. Specific uses are described for each of the 15 genes,
CC based on the tissues in which they are most highly expressed, and include
CC developing products for the diagnosis or treatment of proliferative
CC disorders, cancer, tumors, foetal and developmental abnormalities,
CC haemopoietic disorders, diseases of the immune system, AIDS, autoimmune
CC diseases (e.g., rheumatoid arthritis), inflammation, allergies,
CC neurological disorders (e.g., Alzheimer's disease, Parkinson's disease),
CC cognitive disorders, schizophrenia, asthma, skin disorders (e.g.,
CC psoriasis), sepsis, diabetes, atherosclerosis, cardiovascular disorders,
CC angiogenic disorders, kidney disorders, gastrointestinal disorders,
CC pregnancy-related disorders, endocrine disorders, and infections. The
CC proteins can also be used to aid wound healing and epithelial cell
CC proliferation, to prevent skin aging due to sunburn, to maintain organs
CC before transplantation, for supporting cell culture of primary tissues,
CC to regenerate tissues, to identify their cognate ligands or binding
CC partners, and in chemotaxis, and can be used as a food additive or
CC preservative to modify storage properties. Antibodies specific for a
CC protein of the invention can be used in alleviating symptoms associated
CC with the disorders mentioned above, and in diagnostic immunoassays e.g.,
CC radioimmunoassay or enzyme linked immunosorbent assay (ELISA).
CC The present sequence represents a human secreted protein of
CC the invention.
SQ Sequence 359 AA;
XX
Query Match 43 3%; **Score** 127; **DB** 22; **Length** 359;
Best Local Similarity 39 6%; **Pred.** No. 5.7e-08;
Matches 19; **Conservative** 9; **Mismatches** 20; **Indels** 0; **Gaps** 0;
QY 3 LCTTCSDDFDHRSRVAIAHGHTPHLOCLQIOWFETAPSRPQCQRIQ 50
Db 238 lcaicldveyeqdqkilkpcshyhcckcdpwsqaprsicpvcksqv 285
RESULT 6
ID ABB60559 standard; Protein; 158 AA.
AC ABB60559;
XX ABB60559;
XX 26-MAR-2002 (first entry)
XX
Query Match 43 3%; **Score** 127; **DB** 22; **Length** 359;
Best Local Similarity 39 6%; **Pred.** No. 5.7e-08;
Matches 19; **Conservative** 9; **Mismatches** 20; **Indels** 0; **Gaps** 0;
QY 3 LCTTCSDDFDHRSRVAIAHGHTPHLOCLQIOWFETAPSRPQCQRIQ 49
Db 7 iccicserfirtsanqauscgcgahedclhw-rkqsrtcplicsq 51
RESULT 7
ID AAG23048
XX AAG23048 standard; Protein; 309 AA.
AC AAG23048;
XX DT 17-OCT-2000 (first entry)
XX DE Arabidopsis thaliana protein fragment SEQ ID NO: 26208.
XX Protein identification; signal transduction pathway; metabolic pathway;
KW hybridisation assay; genetic mapping; gene expression control; promoter;
KW termination sequence.
XX OS Arabidopsis thaliana.
XX PN EP103405-A2.
XX 06-SEP-2000.
PD

XX	PR	08-JUL-1999;	99US-0142803.
25-FEB-2000:	2000EP-0301439.	PR	09-JUL-1999;
PR	99US-0121625.	PR	99US-0142920.
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RESULT	8	
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AAC	XX	
AAG51101;	XX	
DT	18-OCT-2000 (first entry)	
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DE	Arabidopsis thaliana protein fragment SEQ ID NO: 64822.	
XX	Protein identification; signal transduction pathway; metabolic pathway; hybridisation assay; genetic mapping; gene expression control; promoter; termination sequence.	
XX	Arabidopsis thaliana.	
OS	Arabidopsis thaliana.	
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PF	25-FEB-2000; 2000EP-0301439.	
XX	EP1033405-A2.	
PD	06-SEP-2000.	
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RESULT 9

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 KW Protein identification; signal transduction pathway; metabolic pathway;
 KW hybridisation assay; genetic mapping; gene expression control; promoter;
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XX KW protein identification; signal transduction pathway; metabolic pathway;
KW hybridisation assay; genetic mapping; gene expression control; promoter;
KW termination sequence.
XX OS Arabidopsis thaliana.
XX PN EP1033405-A2.
XX PD 06-SEP-2000.
XX PF . 25-FEB-2000; 2000EP-0301439.
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XX Protein identification; signal transduction pathway; metabolic pathway;
 KW hybridisation assay; genetic mapping; gene expression control; promoter;
 KW termination sequence.
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 XX EP1033405-A2.
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RESULT 22

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 XX DT 17-OCT-2000 (first entry)
 XX DE Arabidopsis thaliana protein fragment SEQ ID NO: 13315.
 XX KW Protein identification; signal transduction pathway; metabolic pathway;
 KW hybridisation assay; genetic mapping; gene expression control; promoter;
 KW termination sequence.
 XX OS Arabidopsis thaliana.
 XX PN EP1033405-A2.
 XX PD 06-SEP-2000.
 XX PR 25-FEB-2000; 2000EP-0301439.
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Best Local Similarity	40.4%	Pred. No. 5.3e-06; Mismatches 19; Conservative 10; MisMatches 16; Index 2; Gaps 1;
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PR	18-JUN-1999;	990US-0139463.	PR	26-AUG-1999;	990US-0150884.
PR	18-JUN-1999;	990US-0139750.	PR	27-AUG-1999;	990US-0151065.
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PR	21-JUN-1999;	990US-0139817.	PR	27-AUG-1999;	990US-0151080.
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PR	23-JUN-1999;	990US-0140353.	PR	31-AUG-1999;	990US-0151438.
PR	23-JUN-1999;	990US-0140354.	PR	01-SEP-1999;	990US-0151930.
PR	24-JUN-1999;	990US-0140695.	PR	07-SEP-1999;	990US-0152363.
PR	28-JUN-1999;	990US-0140823.	PR	10-SEP-1999;	990US-0153070.
PR	29-JUN-1999;	990US-0140931.	PR	13-SEP-1999;	990US-0153758.
PR	30-JUN-1999;	990US-0141287.	PR	15-SEP-1999;	990US-0154018.
PR	01-JUL-1999;	990US-0141842.	PR	16-SEP-1999;	990US-0154039.
PR	01-JUL-1999;	990US-0142154.	PR	20-SEP-1999;	990US-0154779.
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PR	05-JUL-1999;	990US-0142390.	PR	23-SEP-1999;	990US-0155486.
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PR	12-JUL-1999;	990US-0142977.	PR	29-SEP-1999;	990US-0156596.
PR	13-JUL-1999;	990US-0143542.	PR	04-OCT-1999;	990US-0157117.
PR	14-JUL-1999;	990US-0143624.	PR	05-OCT-1999;	990US-0157753.
PR	15-JUL-1999;	990US-0144005.	PR	06-OCT-1999;	990US-0157865.
PR	16-JUL-1999;	990US-0144085.	PR	07-OCT-1999;	990US-0158029.
PR	16-JUL-1999;	990US-0144086.	PR	08-OCT-1999;	990US-0158232.
PR	01-JUL-1999;	990US-0144325.	PR	12-OCT-1999;	990US-0158369.
PR	19-JUL-1999;	990US-0144331.	PR	13-OCT-1999;	990US-0159293.
PR	19-JUL-1999;	990US-0144332.	PR	14-OCT-1999;	990US-0159638.
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PR	21-JUL-1999;	990US-0144884.	PR	14-OCT-1999;	990US-0159638.
PR	21-JUL-1999;	990US-0145192.	PR	18-OCT-1999;	990US-0159584.
PR	21-JUL-1999;	990US-0145006.	PR	21-OCT-1999;	990US-0160741.
PR	21-JUL-1999;	990US-0145086.	PR	22-OCT-1999;	990US-0160767.
PR	22-JUL-1999;	990US-0145218.	PR	21-OCT-1999;	990US-0160768.
PR	22-JUL-1999;	990US-0145224.	PR	21-OCT-1999;	990US-0160770.
PR	26-JUL-1999;	990US-014526.	PR	21-OCT-1999;	990US-0160774.
PR	27-JUL-1999;	990US-0145913.	PR	25-OCT-1999;	990US-0160814.
PR	27-JUL-1999;	990US-0145918.	PR	25-OCT-1999;	990US-0160815.
PR	27-JUL-1999;	990US-0145149.	PR	26-OCT-1999;	990US-0160980.
PR	28-JUL-1999;	990US-0145218.	PR	22-OCT-1999;	990US-0160981.
PR	02-AUG-1999;	990US-0146386.	PR	22-OCT-1999;	990US-0160989.
PR	02-AUG-1999;	990US-0146388.	PR	25-OCT-1999;	990US-0161404.
PR	02-AUG-1999;	990US-0146389.	PR	25-OCT-1999;	990US-0161405.
PR	03-AUG-1999;	990US-0147038.	PR	25-OCT-1999;	990US-0161406.
PR	04-AUG-1999;	990US-0147204.	PR	26-OCT-1999;	990US-0161359.
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PR	05-AUG-1999;	990US-0147192.	PR	26-OCT-1999;	990US-0161361.
PR	05-AUG-1999;	990US-0147260.	PR	28-OCT-1999;	990US-0161920.
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PR	08-AUG-1999;	990US-0147416.	PR	28-OCT-1999;	990US-0161993.
PR	09-AUG-1999;	990US-0147493.	PR	28-OCT-1999;	990US-0162142.
PR	10-AUG-1999;	990US-0148171.			
PR	11-AUG-1999;	990US-0148319.			
PR	12-AUG-1999;	990US-0148341.			
PR	13-AUG-1999;	990US-0148565.			
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PR	17-AUG-1999;	990US-0149175.			

Query Match 37.9%; Score 111; DB 21; Length 362;
Best Local Similarity 40.4%; Pred. No. 5.9e-06;
Matches 19; Conservative 10; Mismatches 16; Indels 2; Gaps 1;

QY 4 CTCISDFDDHSRDVAIHCIGHTFLQCLQWFETAPSRTCPQCRIQV 50
Db 312 cticleefnaggilvalpcghfrdecaekwfet--nhfcploryel 356

RESULT 25
AAG0320
ID AA50320 standard; Protein: 362 AA.
XX

AC AAG50320;
 XX
 18-OCT-2000 (first entry)
 DT
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 DE Arabidopsis thaliana protein fragment SEQ ID NO: 63755.
 KW Protein identification; signal transduction pathway; metabolic pathway;
 hybridisation assay; genetic mapping; gene expression control; promoter;
 terminatin sequence.
 XX
 OS Arabidopsis thaliana.
 PN EP1033405-A2.
 XX
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 PD 06-SEP-2000.
 XX
 PR 25-FEB-2000; 2000EP-0301439.
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 PR 25-FEB-1999; 990US-0121825.
 PR 05-MAR-1999; 990US-0122180.
 PR 09-MAR-1999; 990US-0123548.
 PR 23-MAR-1999; 990US-0125758.
 PR 25-MAR-1999; 990US-0126264.
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 PR 08-APR-1999; 990US-0128714.
 PR 16-APR-1999; 990US-0129845.
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 PR 21-APR-1999; 990US-0130449.
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 PR 18-JUN-1999; 990US-0139462.
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 PR 25-AUG-1999; 990US-0150566.

PR 18-JUN-1999; 990US-0139463.
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 PR 18-JUN-1999; 990US-0139763.
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 PR 29-JUN-1999; 990US-014991.
 PR 30-JUN-1999; 990US-0149927.
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 PR 01-JUL-1999; 990US-0142154.
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 PR 06-JUL-1999; 990US-0142390.
 PR 08-JUL-1999; 990US-0142803.
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 PR 22-JUL-1999; 990US-0144884.
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 PR 23-JUL-1999; 990US-0145145.
 PR 23-JUL-1999; 990US-0145218.
 PR 23-JUL-1999; 990US-0145085.
 PR 23-JUL-1999; 990US-0145224.
 PR 23-JUL-1999; 990US-0145087.
 PR 23-JUL-1999; 990US-0145089.
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 PR 27-JUL-1999; 990US-0145145.
 PR 28-JUL-1999; 990US-0145919.
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 PR 03-AUG-1999; 990US-0145918.
 PR 04-AUG-1999; 990US-0147204.
 PR 04-AUG-1999; 990US-0147302.
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 PR 09-AUG-1999; 990US-0147204.
 PR 09-AUG-1999; 990US-0147302.
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 PR 06-AUG-1999; 990US-0147303.
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 PR 13-AUG-1999; 990US-0148565.
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 PR 09-AUG-1999; 990US-0147935.
 PR 10-AUG-1999; 990US-0148171.
 PR 11-AUG-1999; 990US-0148319.
 PR 12-AUG-1999; 990US-0148341.
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 PR 13-AUG-1999; 990US-0148684.
 PR 16-AUG-1999; 990US-0149368.
 PR 17-AUG-1999; 990US-0149175.
 PR 18-AUG-1999; 990US-0149426.
 PR 20-AUG-1999; 990US-0149722.
 PR 20-AUG-1999; 990US-0149723.
 PR 20-AUG-1999; 990US-0149929.
 PR 23-AUG-1999; 990US-0149902.
 PR 23-AUG-1999; 990US-0149930.
 PR 25-AUG-1999; 990US-0150566.

PR	26-AUG-1999;	99US-0150884.	KW	cardiovascular disorder; cerebrovascular disorder; angiogenesis;
PR	27-AUG-1999;	99US-0151065.	KW	nervous system disorder; bacterial infection; viral infection;
PR	27-AUG-1999;	99US-0151066.	KW	fungal infection; ocular disorder; wound healing; tissue regeneration;
PR	27-AUG-1999;	99US-0151080.	KW	epithelial cell proliferation; skin ageing; chemotaxis; IgG Fc region.
PR	30-AUG-1999;	99US-0151303.	XX	
PR	31-AUG-1999;	99US-0151438.	OS	Homo sapiens.
PR	01-SEP-1999;	99US-0151930.	XX	
PR	07-SEP-1999;	99US-0122363.	PN	WO200123598-A1.
PR	10-SEP-1999;	99US-0153070.	XX	
PR	13-SEP-1999;	99US-0153758.	PD	05-APR-2001.
PR	15-SEP-1999;	99US-0154018.	XX	
PR	16-SEP-1999;	99US-0154039.	PF	26-SEP-2000; 2000WO-US26324.
PR	20-SEP-1999;	99US-0154779.	XX	
PR	22-SEP-1999;	99US-0155139.	PR	27-SEP-1999; 99US-0155807.
PR	23-SEP-1999;	99US-0155486.	XX	
PR	24-SEP-1999;	99US-0155659.	PA	(HUMA-) HUMAN GENOME SCI INC.
PR	28-SEP-1999;	99US-0166458.	XX	
PR	29-SEP-1999;	99US-0156596.	PI	Komatsoulis G, Ruben SM, Rosen CA;
PR	04-OCT-1999;	99US-0157117.	XX	
PR	05-OCT-1999;	99US-0157753.	DR	WPI: 2001-28184/29.
PR	06-OCT-1999;	99US-0158865.	DR	N-PSDB; AAS0914.
PR	07-OCT-1999;	99US-0159029.	XX	
PR	08-OCT-1999;	99US-0188232.	PT	
PR	12-OCT-1999;	99US-0159369.	PT	in the prevention, treatment and diagnosis of cancer, immune disorders,
PR	13-OCT-1999;	99US-0159293.	PT	cardiovascular disorders and neurological diseases -
PR	13-OCT-1999;	99US-0159294.	XX	
PR	14-OCT-1999;	99US-0159295.	PS	
PR	14-OCT-1999;	99US-0159329.	XX	
PR	14-OCT-1999;	99US-0159330.	CC	The sequence represents a human secreted protein encoded by a nucleic
PR	14-OCT-1999;	99US-0159331.	CC	acid of the invention. Secreted proteins and their related nucleic acids
PR	14-OCT-1999;	99US-0159337.	CC	can be used in the diagnosis of or susceptibility to a pathological
PR	14-OCT-1999;	99US-0159638.	CC	condition by determining the presence or absence of a mutation in a
PR	18-OCT-1999;	99US-0159584.	CC	nucleic acid or the presence or amount of expression of a secreted
PR	21-OCT-1999;	99US-0160741.	CC	protein. The sequences are used to prevent, treat or ameliorate a medical
PR	21-OCT-1999;	99US-0160767.	CC	condition in e.g. humans, mice, rabbits, goats, horses, cats, dogs,
PR	21-OCT-1999;	99US-0160768.	CC	chickens or sheep. The antibodies to the polypeptides can also be used in
PR	21-OCT-1999;	99US-0160770.	CC	alleviating symptoms associated with disorders and in diagnostic
PR	21-OCT-1999;	99US-0160814.	CC	immunoassays e.g. radioimmunoassays or enzyme linked immunosorvent
PR	21-OCT-1999;	99US-0160815.	CC	assays (ELISA). The disorders include autoimmune diseases e.g. rheumatoid
PR	22-OCT-1999;	99US-0160980.	CC	arthritis, hyperproliferative disorders e.g. neoplasms of the breast or
PR	22-OCT-1999;	99US-0160981.	CC	liver, cardiovascular disorders e.g. cardiac arrest, cerebrovascular
PR	22-OCT-1999;	99US-0160989.	CC	disorders e.g. cerebral ischaemia, angiogenesis, nervous system disorders
PR	25-OCT-1999;	99US-0161404.	CC	e.g. Alzheimer's disease, infections caused by bacteria, viruses and
PR	25-OCT-1999;	99US-0161405.	CC	fungi and ocular disorders e.g. corneal infection. The peptides can also
PR	25-OCT-1999;	99US-0161406.	CC	be used to aid wound healing and epithelial cell proliferation, to help
PR	26-OCT-1999;	99US-0161359.	CC	prevent skin ageing due to sunburn, to maintain organs before
PR	26-OCT-1999;	99US-0161360.	CC	transplantation, to regenerate tissues in chemotaxis and as a food
PR	26-OCT-1999;	99US-0161361.	CC	additive or preservative to alter storage capabilities.
PR	28-OCT-1999;	99US-0161920.	XX	
PR	28-OCT-1999;	99US-0161922.	SQ	Sequence 51 AA;
PR	28-OCT-1999;	99US-0161993.		
PR	29-OCT-1999;	99US-0162142.		
RESULT	26			
AAU02003	Best Local Similarity 40.4%; Pred. No. 5.9e-06; Matches 19; Conservative 10; Mismatches 16; Indels 2; Gaps 1;	Query Match 37.9%; Score 111; DB 21; Length 362;	36.5%; Score 107; DB 22; Length 51;	
ID		Best Local Similarity 38.3%; Pred. No. 2.4e-06; Matches 18; Conservative 7; Mismatches 20; Indels 2; Gaps 1;		
XX		Matches 18; Conservative 7; Mismatches 20; Indels 2; Gaps 1;		
AC				
ACAU02003;				
AC				
XX				
DT				
DT	29-AUG-2001 (first entry)			
DE	Human secreted protein encoded by gene #33.			
XX				
KW	Human secreted protein; autoimmune disorder; hyperproliferative disorder;			
KW	autoimmune disease; inflammation; neurological disease;			
KW	Human; transcription factor; TRFX; cell proliferative disease;			
KW				

KW developmental disorder; cancer; AIDS; infection; cytostatic; anti-HIV;
 KW neuroprotective; antiinflammatory; gene therapy.
 OS Homo sapiens.
 XX WO200172777-A2.
 XX PD 04-OCT-2001.
 XX PF 13-MAR-2001; 2001WO-US08117.
 XX PR 13-MAR-2000; 2000US-0188986.
 XX PA (INCY-) INCYTE GENOMICS INC.
 XX PS N-PSDB; ABA82991.
 XX PT WPI; 2001-570996/64.
 DR N-PSDB; ABA82991.
 XX PT Novel transcription factor polypeptides, used to treat diseases associated with altered activity and expression of TREX, and to screen for agents capable of modulating its activity -
 PT e.g. cell proliferative, autoimmune/inflammatory, neurological and developmental disorders. A number of specific disorders/diseases are given in the specification, including: arteriosclerosis, cirrhosis, autoimmune thyroiditis, bronchitis, atopic allergies, anaemia, asthma, dermatitis, diabetes mellitus, emphysema, Goodpasture's syndrome, gout, Grave's disease, multiple sclerosis, osteoarthritis, pancreatitis, ulcerative colitis, uveitis, Alzheimer's disease, Huntington's disease, Parkinson's disease, stroke, and viral, bacterial, fungal and protozoal infections.
 CC Sequence 350 AA;
 SQ

Query Match 36 5%; Score 107; DB 22; Length 350;
 Best Local Similarity 38 3%; Pred. No. 1.8e-05; Indels 2; Gaps 1;
 Matches 18; Conservative 7; Mismatches 20; AC
 QY 4 CTICSDFFDHRSRVAIAHCGHTFHLOCLIQWFETAPSRTCPQCRIQV 50
 Db 298 cticisileegedvrrlpemhfhqvcvdqwlit-nkkpcirvdi 342

RESULT 28
 AAW27150 standard; Protein: 551 AA.
 XX AC AAW27150;
 XX AC AAW27150;
 XX DT 18-OCT-2000 (first entry)
 XX DE Arabidopsis thaliana protein fragment SEQ ID NO: 47723.
 XX KW Protein identification; signal transduction pathway; metabolic pathway; hybridisation assay; genetic mapping; gene expression control; promoter; termination sequence.
 XX OS Arabidopsis thaliana.
 XX PN EP1033405-A2.
 XX PD 06-SEP-2000.
 XX PF 25-FEB-2000; 2000EP-0301439.
 XX PR 25-FEB-1999; 9905-0121825.
 PR 05-MAR-1999; 9905-0123180.
 PR 09-MAR-1999; 9905-0123548.
 PR 23-MAR-1999; 9905-0125788.
 PR 25-MAR-1999; 9905-0126264.
 PR 29-MAR-1999; 9905-0126785.
 PR 01-APR-1999; 9905-0127462.
 PR 06-APR-1999; 9905-0128234.

PR	08-APR-1999;	99US-0128714.	PR	19-JUL-1999;	99US-0144333.
PR	19-APR-1999;	99US-0130459.	PR	19-JUL-1999;	99US-0144332.
PR	21-APR-1999;	99US-0130459.	PR	20-JUL-1999;	99US-0144332.
PR	23-APR-1999;	99US-0130510.	PR	20-JUL-1999;	99US-0144632.
PR	23-APR-1999;	99US-0130891.	PR	21-JUL-1999;	99US-0144884.
PR	28-APR-1999;	99US-0131449.	PR	21-JUL-1999;	99US-0145056.
PR	30-APR-1999;	99US-0132048.	PR	21-JUL-1999;	99US-0145088.
PR	30-APR-1999;	99US-0132407.	PR	21-JUL-1999;	99US-0145088.
PR	04-MAY-1999;	99US-0132484.	PR	22-JUL-1999;	99US-0145085.
PR	05-MAY-1999;	99US-0132485.	PR	22-JUL-1999;	99US-0145085.
PR	05-MAY-1999;	99US-0132486.	PR	22-JUL-1999;	99US-0145089.
PR	06-MAY-1999;	99US-0132487.	PR	22-JUL-1999;	99US-0145192.
PR	07-MAY-1999;	99US-0132663.	PR	23-JUL-1999;	99US-0145145.
PR	11-MAY-1999;	99US-0134256.	PR	23-JUL-1999;	99US-0145218.
PR	14-MAY-1999;	99US-0134218.	PR	23-JUL-1999;	99US-0145224.
PR	14-MAY-1999;	99US-0134219.	PR	26-JUL-1999;	99US-0145276..
PR	14-MAY-1999;	99US-0134221.	PR	27-JUL-1999;	99US-0145913.
PR	14-MAY-1999;	99US-0134270.	PR	27-JUL-1999;	99US-0145918.
PR	18-MAY-1999;	99US-0134668.	PR	27-JUL-1999;	99US-0145919.
PR	19-MAY-1999;	99US-0134941.	PR	28-JUL-1999;	99US-0145931.
PR	20-MAY-1999;	99US-013524.	PR	02-AUG-1999;	99US-0146388.
PR	21-MAY-1999;	99US-0135535.	PR	02-AUG-1999;	99US-0146389.
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RESULT 30
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 XX AAG37253;
 AC AAG37253;
 XX DT 18-OCT-2000 (first entry)
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 XX KW Protein identification; signal transduction pathway; metabolic pathway;
 KW hybridisation assay; genetic mapping; gene expression control; promoter;
 termination sequence.
 XX OS Arabidopsis thaliana.
 XX PN EP1033405-A2.
 XX PD 06-SEP-2000.
 XX PF 25-FEB-2000; 2000EP-0301439.
 XX PR 25-FEB-1999; 99US-0121825.
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 PR 09-MAR-1999; 99US-0123548.
 PR 23-MAR-1999; 99US-0125788.
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ID AAG38656 standard; Protein; 349 AA.

XX AAG38656;

XX DE Arabidopsis thaliana protein fragment SEQ ID NO: 47722.

XX KW Protein identification; signal transduction pathway; metabolic pathway; hybridisation assay; genetic mapping; gene expression control; promoter; termination sequence.

XX KW Arabidopsis thaliana.

OS OS Arabidopsis thaliana.

XX PN EP1033405-A2.

XX XX PD 06-SEP-2000.

XX PF 25-FEB-2000; 2000EP-0301439.

XX PR 25-FEB-1999; 990US-012825.

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 KW hybridization assay; genetic mapping; gene expression control; promoter;
 KW termination sequence.
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36 / 28

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PR	PR	23-RPR-1999; 9905-0130891.
PR	PR	28-APR-1999; 9905-0131449.
PR	PR	30-APR-1999; 9905-0132048.
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PR	PR	14-MAY-1999; 9905-0134218.
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PR	PR	01-JUN-1999; 9905-013722.
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PR	PR	08-JUN-1999; 9905-0138094.
PR	PR	10-JUN-1999; 9905-0138540.
PR	PR	10-JUN-1999; 9905-0138847.
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PR	22-JUN-1999;	9905-0139899,			
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PR	24-JUN-1999;	9905-0140695,			
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DT	18-OCT-2000	(first entry)
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KW	Protein identification; signal transduction pathway; metabolic pathway;	
KW	hybridization assay; genetic mapping; gene expression control; promoter;	
KW	termination sequence.	
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PN	EP1033405-A2.	
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PR	29-MAR-1999; 990JS-0126785.	
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PR	16-APR-1999; 990JS-0129845.	
PR	19-APR-1999; 990JS-0130077.	
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PR	23-APR-1999; 990JS-0130510.	
PR	23-APR-1999; 990JS-0130891.	
PR	28-APR-1999; 990JS-0131449.	
PR	30-APR-1999; 990JS-0132048.	
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PR	05-MAY-1999; 990JS-0132484.	
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PR	18-AUG-1999; 990JS-0149426.	
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PR	20-AUG-1999; 990JS-0149929.	
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PR	23-AUG-1999; 990JS-0149930.	
PR	25-AUG-1999; 990JS-0150566.	
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PR 27-AUG-1999; 99US-0151066.
 PR 27-AUG-1999; 99US-0151080.
 OS Arabidopsis thaliana.
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 PR 01-SEP-1999; 99US-0152363.
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 Best Local Similarity 36.4%; Pred. No. 2.7e-05; Mismatches 16; Conservative 8; Indels 16; Matches 16; Gaps 2; Gaps 1;

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RESULT 37
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 AC AAG08028;
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 DT 17-OCT-2000 (first entry)

XX Arabidopsis thaliana protein fragment SEQ ID NO: 5406.
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 KW Protein identification; signal transduction pathway; metabolic pathway; hybridisation assay; genetic mapping; gene expression control; promoter; termination sequence.

PR 10-JUN-1999; 99US-0138094.
 PR 10-JUN-1999; 99US-0138540.
 PR 10-JUN-1999; 99US-0138847.
 PR 14-JUN-1999; 99US-0139119.
 PR 16-JUN-1999; 99US-0139452.
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 PR 17-JUN-1999; 99US-0139492.
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 PR 18-JUN-1999; 99US-0139460.
 PR 18-JUN-1999; 99US-0139461.
 PR 18-JUN-1999; 99US-0139462.
 PR 18-JUN-1999; 99US-0139463.
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 PR 18-JUN-1999; 99US-0139763.
 PR 21-JUN-1999; 99US-0139817.
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 PR 23-JUN-1999; 99US-0140354.
 PR 24-JUN-1999; 99US-0140695.
 PR 28-JUN-1999; 99US-0140823.

PF 25-MAY-1999; 99WO-JP02732. PR 06-APR-1999; 99US-0128234.
 XX PR 08-APR-1999; 99US-0128714.
 PR 25-MAY-1999; 99WO-JP02732. PR 16-APR-1999; 99US-0128845.
 XX PR 19-APR-1999; 99US-0130077.
 PA (NORQ) JAPAN MIN AGRIC FORESTRY & FISHERIES. PR 21-APR-1999; 99US-0130449.
 PA (BIOO-) BIO-ORIENTED TECHNOLOGY RES ADVANCEMENT. PR 23-APR-1999; 99US-0130510.
 XX PR 23-APR-1999; 99US-0130891.
 PI Hirochika H, Abe K; PR 28-APR-1999; 99US-0131449.
 XX WPI; 2001-061354/07. PR 30-APR-1999; 99US-0132048.
 DR N-PSDB; AAC88125. PR 30-APR-1999; 99US-0132407.
 XX PR 04-MAY-1999; 99US-0132484.
 PT Rice-originated oligonucleotides encoding gene regulating ethylene PR 05-MAY-1999; 99US-0132485.
 PT synthesis in plant, for producing transormants and genetically modified plants with promoted side-root elongation and crown-water resistance PR 06-MAY-1999; 99US-0132486.
 PT PR 06-MAY-1999; 99US-0132863.
 PT PR 07-JUN-1999; 99US-0134256.
 PT PR 11-MAY-1999; 99US-0134484.
 PS Claim 1; Fig 1; 35pp; Japanese. PR 14-MAY-1999; 99US-0134218.
 CC The present invention describes oligonucleotides encoding a gene PR 14-MAY-1999; 99US-0134221.
 CC producing a product capable of regulating ethylene synthesis. Also PR 14-MAY-1999; 99US-0134370.
 CC described are: (1) a vector containing the oligonucleotides which can PR 18-MAY-1999; 99US-0134768.
 CC be ligated to operate the control sequence; (2) a plant transformed PR 19-MAY-1999; 99US-0134941.
 CC with the vector; and (3) a method for regulating ethylene synthesis PR 20-MAY-1999; 99US-0135124.
 CC in a plant by introducing the oligonucleotides into it. The gene can PR 21-MAY-1999; 99US-0135353.
 CC be used in producing transformants and genetically modified plants. PR 24-MAY-1999; 99US-0135629.
 CC Plants produced by the method have increased side-root elongation. PR 25-MAY-1999; 99US-0136021.
 CC crown-water resistance and improved fruit and flower quality retention. PR 27-MAY-1999; 99US-0136392.
 CC The present sequence represents the specifically claimed ros17 isolated PR 28-MAY-1999; 99US-0136782.
 CC from Oryza sativa var. nippobare, which has ethylene synthesis PR 01-JUN-1999; 99US-0137222.
 CC regulating activity. PR 03-JUN-1999; 99US-0137528.
 XX Sequence 405 AA; PR 04-JUN-1999; 99US-0137502.
 SQ PR 07-JUN-1999; 99US-0137724.
 PR 08-JUN-1999; 99US-0138094.
 PR 10-JUN-1999; 99US-0138540.
 PR 10-JUN-1999; 99US-0138847.
 PR 14-JUN-1999; 99US-0139119.
 PR 16-JUN-1999; 99US-0139452.
 PR 16-JUN-1999; 99US-0139453.
 PR 17-JUN-1999; 99US-0139492.
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 PR 23-JUN-1999; 99US-0140354.
 PR 24-JUN-1999; 99US-0140695.
 PR 28-JUN-1999; 99US-0140823.
 PR 29-JUN-1999; 99US-0140991.
 PR 30-JUN-1999; 99US-0141287.
 PR 01-JUL-1999; 99US-0141842.
 PR 01-JUL-1999; 99US-0142154.
 PR 02-JUL-1999; 99US-0142055.
 PR 06-SEP-2000. PR 06-JUL-1999; 99US-0142390.
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 PR 09-JUL-1999; 99US-0142920.
 PR 12-JUL-1999; 99US-0142977.
 PR 13-JUL-1999; 99US-0143542.
 PR 14-JUL-1999; 99US-0143624.
 PR 15-JUL-1999; 99US-0144005.
 PR 16-JUL-1999; 99US-0144085.
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PR 19-JUL-1999; 99US-0144332. PR 13-OCT-1999; 99US-0159294.
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Query Match
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Search completed: September 4, 2002, 16:09:16
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